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| Search Notes | Application/Control No. | Applicant(s)/Patent Under Reexamination |
| | 110587178 | MORIGUCHI ET AL. |
|  | Examiner | Art Unit |
| | Ronald A Quinlan | 4132 |

SEARCHED

| Class | Subclass | Date | Examiner |
|--------------|---------------------------------------|-------------|-----------------|
| 72 | 464 | 06/23/2009 | R.A.Q. |
| 83 | 432 | 06/23/2009 | R.A.Q. |
| 148 | 905 | 06/23/2009 | R.A.Q. |
| 407 | 29, 30, 46, 53, 113-119 | 06/23/2009 | R.A.Q. |
| 204 | 192.1, 192.15, 192.33, 192.36, 192.38 | 07/07/2009 | R.A.Q. |

SEARCH NOTES

| Search Notes | Date | Examiner |
|--|-------------|-----------------|
| Patent family search | 06/23/2009 | R.A.Q. |
| EPO, JPO, DERWENT search | 06/23/2009 | R.A.Q. |
| Google search | 07/01/2009 | R.A.Q. |
| Inventor search | 06/23/2009 | R.A.Q. |
| EAST class/subclass with text | 07/06/2009 | R.A.Q. |
| EAST text search | 06/23/2009 | R.A.Q. |
| Consulted with primary examiner Archene Turner | 07/01/2009 | R.A.Q. |
| See attached EAST search | 07/06/2009 | R.A.Q. |

INTERFERENCE SEARCH

| Class | Subclass | Date | Examiner |
|--------------|-----------------|-------------|-----------------|
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